



United States Environmental Protection Agency
Region 10 Emergency Response Unit
POLLUTION REPORT

I. HEADING

Date: March 20, 2000
Subject: CleanCare Removal Site (CleanCare), Tacoma, Washington
From: Michael Szerlog, OSC, USEPA, Region 10, Emergency Response Unit
Tel: Office (206) 553-0279
TO: See Distribution List on last page

POLREP No.14 (Progress)

II. BACKGROUND

Site ID: SSID # 106W
Delivery Order No: 081-10 -02
Response Authority: CERCLA,
CERCLIS No: WASFN1002182
NPL Status: Not Listed (former RCRA site within Commencement Bay Superfund site)
State Notification: Washington State Department of Ecology referred site to EPA
Action Memo Status: Signed on December 17, 1999 and January 7, 2000
Removal Start Date: December 17, 1999
Expected Completion Date: March 17, 2001
Site Web Page: www.epa.gov/r10earth, click Index, click C for CleanCare. or use URL: <http://epainotes1.rtpnc.epa.gov:7777/r10/cleanup.nsf/sites/CleanCare>

III. SITE INFORMATION

A. Incident Category

This is a time-critical removal action at an inactive waste management facility

B. Site Description

1. Site Location

The CleanCare site is located at 1510 Taylor Way in Pierce County, City of Tacoma, Washington at Township 21, Range 3 E. in Section 26. The site comprises approximately 4.2 acres latitude 47° 16' 25" North and longitude 122° 23' 32" West. The site is located in the ATacoma Tideflats area about three miles northeast of downtown Tacoma. The site is owned by David Bromley of Bromley-Marr ECOS Inc.

The CleanCare site was an interim status treatment, storage, disposal, and recycling (TSD) facility for off-site generated hazardous and non-hazardous wastes - one of a handful of commercial TSDs operating in the state of Washington. When the facility was in operation its major function was to solidify oily sludge wastes originating from catch basins, sumps, and storm drains; recycle waste oils, antifreeze, and spent solvents; and crush used oil filters for off-site recycling by other facilities.

The CleanCare facility has four separate tank farms (Tank Farm (TF)-1, TF-2, TF-3, and TF-4), two hazardous/dangerous waste container storage pads (container storage (CS) CS-4A and CS 4-B), and a processing area where the distillation of solvent, oil, and antifreeze used to occur.

IV. Response Information

A. Situation

1. Current Situation

March 13, 2000 (Monday)

Personnel on site: 6 START, 11 ERRS, 2 USCG, 0 EPA

Weather : low 40s to low 50s, late afternoon rain

All site personnel attended daily safety meeting and discussed site safety and planned activities. START coordinated with EPA and DOE and presented a template for laboratory data for Tank 1, a set of data will be provided for Tanks 3, 4, and 5, START oversaw and documented generator drum removal (15 drums shipped today), Set up for the Met Station was completed and calibrated in accordance with the work plan for air sampling, Polrep 13 was completed and distributed, Baker Tanks on site were inventoried to determine the dates that each tank was removed from site, a data base for the drum bulking data was initiated and START completed an inventory of sampling equipment. ERRS continued treating

contact water, Hazcatting unknown drum samples and placing drums in their proper shipping groups and pumping 11 oil related drums into the 6,000 gal. poly tank.

March 14, 2000 (Tuesday)

Personnel on site: 6 START, 12 ERRS, 1 USCG, 1 EPA

Weather: partly cloudy, intermittent light rain, light wind, low 50's F

All site personnel attended daily safety meeting and discussed site safety and planned activities. EPA, START, and ERRS held a planning meeting to discuss the transferring of liquids from Tank T-1 to the transporting trucks. START applied for and received permission to discharge a batch of treated stormwater, Collected sample of treated stormwater from Baker Tank 22 for potential discharge to the City of Tacoma Sanitary Sewer, Set up and began entering data for Tanks T-3, T-4, and T-5 waste classification. ERRS continued treating contact water, Discharged 20,000 gallons of treated storm water from Baker Tank 16 into the Tacoma City sewer, Conducted sampling and hazcatting of unknown drums along with segregating the drums into proper waste groups, and pumped water from the secondary containment at Tank Farm 1 into the wastewater treatment system.

March 15, 2000 (Wednesday)

Personnel on site: 5 START, 13 ERRS, 2 USCG, 1 EPA

Weather: partly sunny, moderate wind, high of 60 F.

All site personnel attended daily safety meeting and discussed site safety and planned activities. START documented material contents and levels during the staging and separation of drums into proper shipping groups, Oversaw generator drum removal activities (4 drums shipped today), Continued creating data tables for the Tank Farms, Began organizing drum data sheets, and finalized air sampling requirements for tank transferring operations. ERRS began staging hazcatted drums into shipping groups, Continued hazcatting of unknown drums, and reorganized drum hazcatting paperwork in collaboration with START.

March 16, 2000 (Thursday)

Personnel on site: 5 START, 17 ERRS, 2 USCG, 0 EPA

Weather: Partly Cloudy, intermittent rain, 15-25 mph wind, temperatures in the mid 50's to low 60's.

All site personnel attended daily safety meeting and discussed site safety and planned activities. START collected samples from three different phases of materials located in Baker Tank 14, Collected samples of treated stormwater from Baker Tank 16 for potential discharge to the City of Tacoma Sanitary Sewer, Oversaw and documented generator drum removal activities (32 drums shipped today), and completed organization of drum data sheets along with making a duplicate hard-copy of the file. ERRS continued treating

the contact water, Staging and separating hazcatted drums into shipping groups, organizing hazcatting paperwork and pumping water off Tank Farm 1 into the treatment system.

March 17, 2000 (Friday)

Personnel on site: 5 START, 16 ERRS, 2 USCG, 0 EPA

Weather: Mostly cloudy, light rain in AM, wind 10-20 mph, high in the mid 40's. All site personnel attended daily safety meeting and discussed site safety and planned activities. START oversaw and documented generator drum removal activities (8 drums shipped out today), Prepared laboratory summary tables for waste classification, Collected sampling data from unknown drums to assist in hazcatting, Inventoried site supplies need for project continuation. ERRS continued treatment of contact water, Staged and separated hazcatted drums into proper shipping groups, Hazcatted unknown drum samples, Organized drum hazcatting paperwork, Emerald Services on site to pick up 10,000 gallons of storm water from Baker Tank 6.

March 18, 2000 (Saturday)

Personnel on site: 2 START, 0 ERRS, 0 USCG

Weather: Cloudy, intermittent rain, light breeze, high in the

low 50's.

START continues works on drum inventory database and updates site polrep.

2. Removal Actions to Date

On January 7, 2000, the Action Memorandum to increase site ceiling, to ask for a \$2 million exemption, a 12-month exemption, and a change of scope was signed. A purchase request was also signed and ERRS was funded, incrementally, to begin removal activities.

The State (Washington Department of Ecology) and the City (City of Tacoma Public Works) continue to provide assistance with discharge of treated contact water.

Drums -

Oil Filter Drums: This phase of the project is completed.

RCRA Drums: Finished segregation and inventory of all non oil filter drums known to be located on the site (formerly referred to as RCRA drums). Selected generators have removed a total of 549 drums and 12 totes of waste.

Oil Drums in Building #5: Continued sampling and collecting data for the oil drums located in the southern portion of Building #5 and started performing Hazard Categorization tests on these samples. The material from 116 of these drums and 4 totes was pumped into a

6,000 gallon storage tank to reduce disposal costs. Disposal facility to be determined.

Antifreeze Drums: Antifreeze from 65 drums has been pumped into Baker Tank #18. All identified drums of antifreeze (108) have been inventoried and staged north of BT # 18 for bulking prior to disposal. Disposal facility to be determined.

Solvent Drums: All identified drums of spent solvent have been inventoried. Spent Solvent from 520 drums has been pumped into BT # 9 for bulking prior to disposal. Disposal facility to be determined.

Baker Tanks - To date 289,048 gallons of waste water has been hauled off-site by Emerald Services for disposal. Treated and discharged 6 batches (approximately 120,000 gallons total) of waste water to the City of Tacoma Sanitary Sewer System. Baker Tanks are decontaminated and returned to the vendor after they are emptied.

Surface Water - This week, continued treating contact surface water and decontamination water with the temporary waste water treatment system. Terminated discharge of non contact surface water to the Lincoln Ave. ditch. Discharge was previously performed under agreement with Washington State Department of Ecology.

ASTs - To date all of the ASTs in Tank Farm 1 (T-1, T-3, T-4, and T-5) and Tank Farm 2 (T-7, T-8, T-9, T-10, T-11, T-12, T-13, T-14, and T-15) have been sampled. The contents of Tank Farm 3 (T- 18, T-19, T-20, T-21, T-22, T-23, T-24 and T-25) has been determined using an oil/water interface probe.

Soil - No work was performed this week regarding site soils. To date, 14 soil samples were collected during the assessment phase to characterize site soils.

3.Enforcement

The Region currently has some information regarding potential responsible parties (PRPs) at the site. EPA intends to gather additional PRP information during the removal action.

B.Planned Removal Activities

To minimize/eliminate to threat to human health and the environment posed by the wastes on the site, the following removal activities are planned:

Drums: organization of drums and documents (manifests & profile analyses), generator notification, hazard categorization and disposal tests, and removal of containers from the site.

Baker Tanks: The waste water from some tanks will continue to be treated on site and discharged. At the same time, waste water from other Baker Tanks will continue to be shipped off site. As tanks are emptied, they will be returned to the rental company.

Surface Water: manage surface water as it collects onsite (including sampling, treatment, and discharge), clean concrete and asphalt surfaces that currently impact surface water, establish and implement a long term. plan/recommendation for surface water management including possibly construction of an asphalt cap.

ASTs: sampling, handling of contents (off site disposal or combination of onsite treatment and off site disposal anticipated), clean tanks, possible dismantling of some tanks and containment structures and remove from site

Soil: Possible further sampling prior to excavation, confirmation sampling, and removal from site or onsite treatment. Installation of asphalt cap if deemed necessary.

C.Next Steps

EPA, ERRS, START, and the USCG Strike Team to continue managing onsite surface water. Complete the data management for all RCRA drums, locate and file the manifests for the RCRA drums, and prepare for generator recovery of waste drums. Treat some Baker Tank water, ship some of it off site. Discharge treated contact and non contact water to the Tacoma Sanitary Sewer, in accordance with the Special Approved Discharge (SAD). Decontaminate Baker Tanks as they are emptied and return them to the vendor.

D.Key Issues

Security Off Duty City of Tacoma Police continue with site security.

Discharge of non contact waters Non contact waters being treated on site. Emergency discharges have ceased.

Management of contact water; Contact surface water (that which falls with in the secondary containment structures) is being pumped into temporary storage tanks (Baker Tanks). This water will has been analyzed and some of it is being treated and discharged and some is being disposed off site. Performing both tasks simultaneously will reduce the length of time required to accomplish this task, reduce the associated costs, such as Baker Tank rental fees, and remove the threat of a release.

Drum/Container Waste; Generators of site waste stored in drums/containers will have the opportunity dispose of their wastes.

V. Cost Information

Estimated costs are summarized below

	Established Ceiling	Estimated Costs (as of 3/18/00)
EPA	\$ 150,000	\$29,300
START	\$ 350,000	\$137,786
ERRS	\$ 1,100,000	\$796,898 (3/14)
Coast Guard	\$ 100,000	\$55,237
Total	\$ 1,700,000	\$ 1,019,221

Note: The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

VI Disposition of Wastes

Waste Stream	Medium	Quantity	Containment-Migration Control	Treatment	Disposal
Used Oil Filters	solid and solidified waste	270 cu yd	placed liners in rollofs	removed oil filters from 55 gallon drums and consolidated in rollofs	Waste Management delivered to Olympic View Sanitary Landfill
Used Oil Filter Drums	solid waste	120 cu yd	placed liners in rollofs	crushed drums with an excavator to reduce volume	Phillips Services Corp. Delivered to Bethlehem Steel for recycling.
Used RCRA Drums	solid waste	164 cu yd	placed liners in rollofs	crushed drums with an excavator to reduce volume	Phillips Services Corp. Delivered to Columbia Ridge Landfill.
Generator Drums	sludges and liquids	549 drums and 12 totes	NA	generators contracted with TSDs to properly manage their waste	Brought to various disposal companies
Oily Debris	solidified waste	20 cu yd	placed liners in rollofs	consolidated in rollofs	Phillips Services Corp. delivered to Olympic View Sanitary Landfill
Contact Rain Water	liquid	289,048 gal	contained in Baker Tanks	Emerald Petroleum Services (EPS) water treatment plant	EPS, to City of Tacoma Sanitary Sewer
Contact Rain Water	liquid	123,400 gal	contained in Baker Tanks	Phillips Services Corp. water treatment plant	Phillips Services Corp. to City of Tacoma Sanitary Sewer
Contact Rain Water	liquid	120,000 gal	contained in Baker Tanks	treated on site with temporary waste water treatment system	to City of Tacoma Sanitary Sewer
Baker Tanks	solid	Tanks:1,2,3,4,5,11,12,13,15,17,20	NA	pressure washed, and wiped down	returned to Vendor (Baker Tanks, Inc.)
Tip Trailers	solid	11 trailers	NA	transported off site to make room for other activities	temporarily stored at the Phillips Services Corp. facility adjacent to the site
Oil From Drums	liquid	105 drums + 4 totes		a 6,000 gallon poly tank on site	to be determined
Antifreeze from Drums	liquid	65 drums		bulked into Baker Tank #18	to be determined

VII Distribution

To: EPA Headquarters, Washington, D.C. Attention: Terry Eby
EPA Region 10, Emergency Response Unit, Attention: Chris Field
EPA Washington Operations Office, Attention: Julie Hagensen
Puyallup Tribe of Indians, Tacoma, Attention: Joe Edgell
Washington State Department of Ecology, Attention: Jim Sachet
City of Tacoma Public Works Department, Attention: Michael Kennedy
EPA Region 10 Web page, Attention: Beth Kunz
EPA Region 10, Emergency Response Unit, Attention: OSCs

VII Status

Case Pending.